

SOFCs can theoretically operate on hydrocarbon fuels

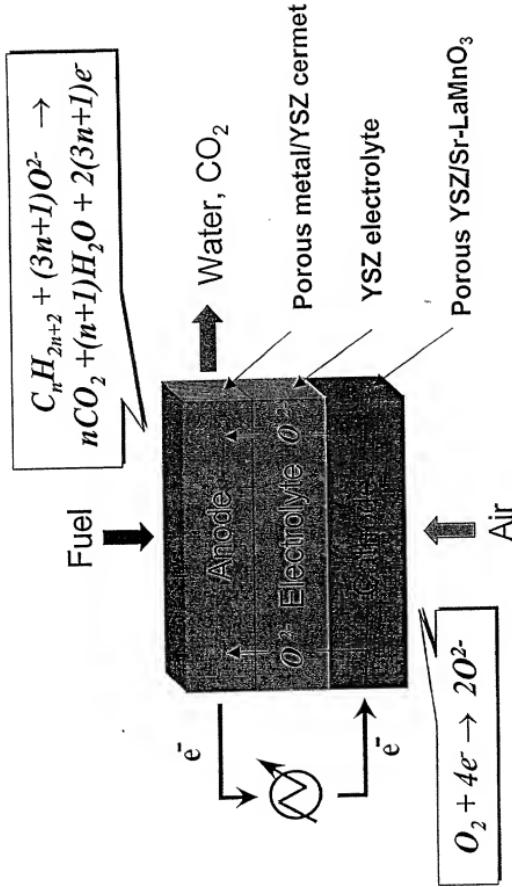


FIGURE 1A

Stable in liquid fuels

TGOTTF-S80E500T

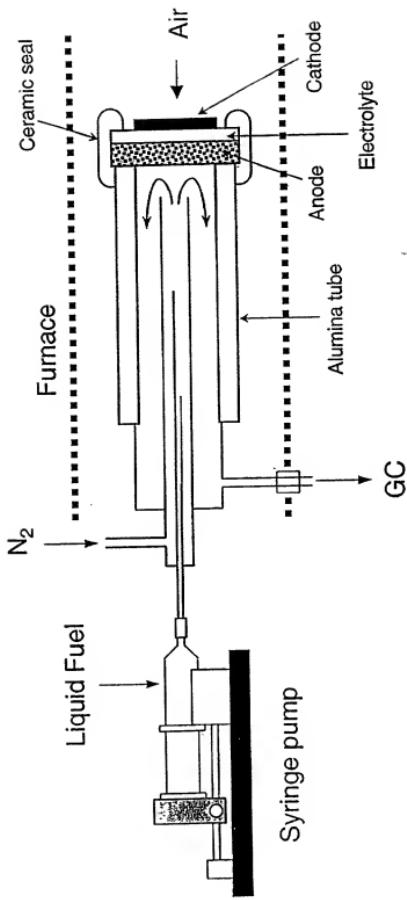
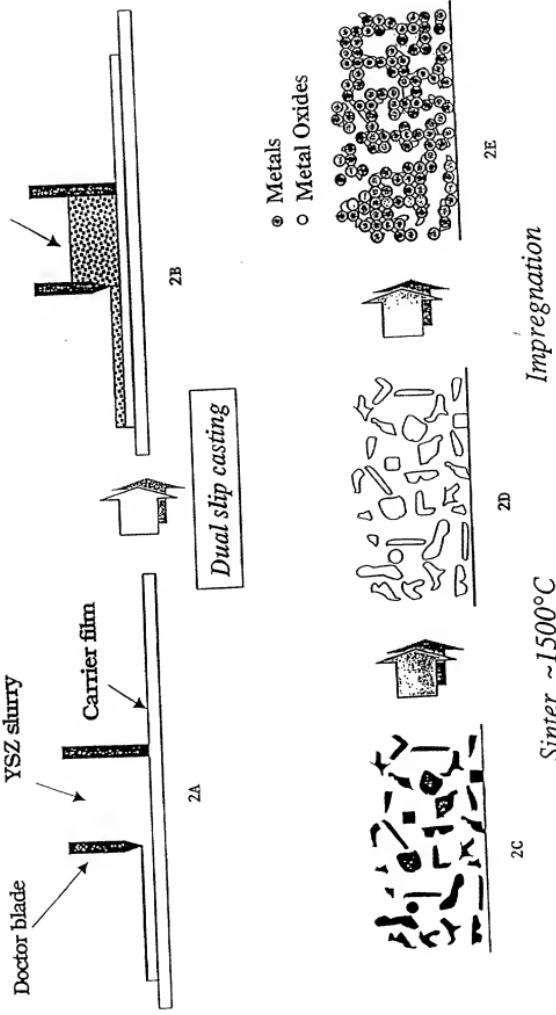


FIGURE 1B

T060TT-580ES00T

Fabrication methods:

YSZ and pore former



FIGURES
2A - 2E

We can remake Ni cermets.

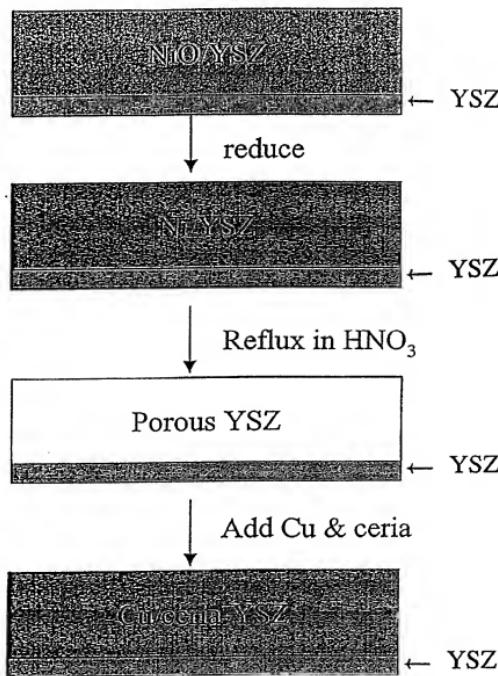


FIGURE 3

Can we make cells that are stronger?

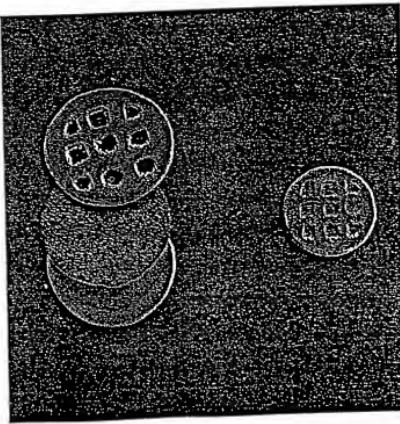


FIGURE 4A

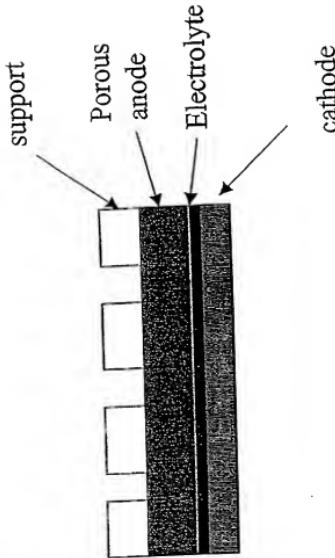


FIGURE 4B

TO 600TT-S8000

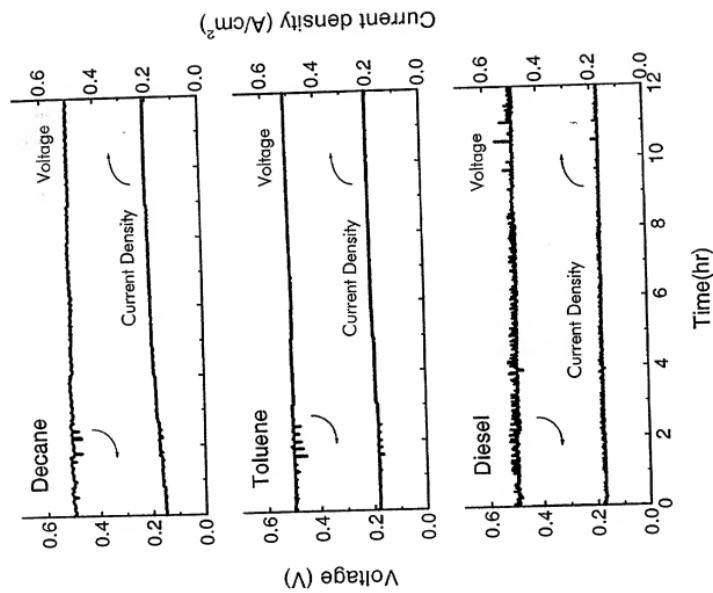


FIGURE 5

TOOTTT-S80E500T

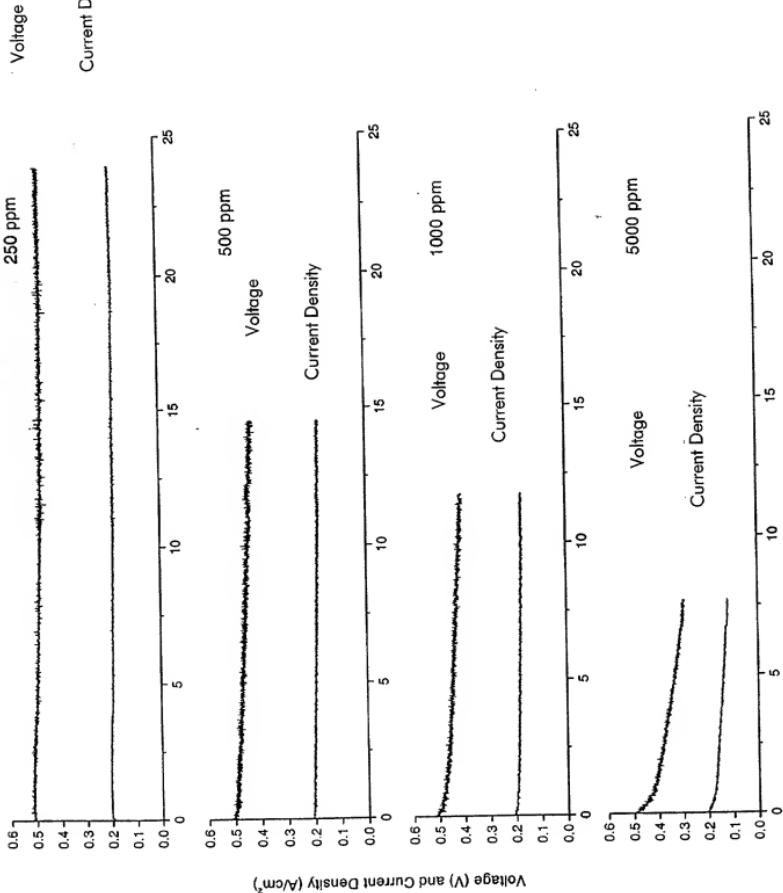


FIGURE 6

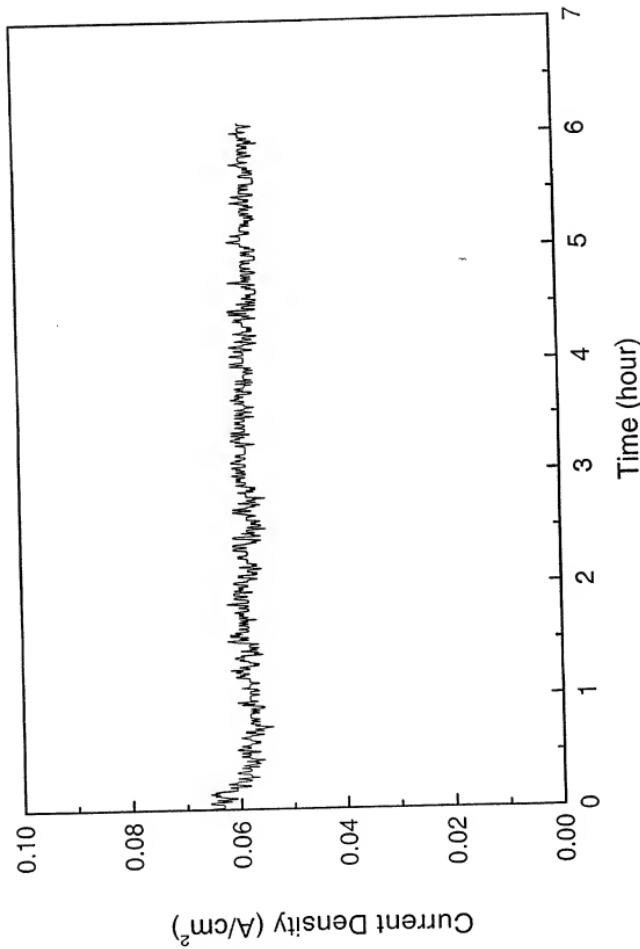


FIGURE 7

10053085 - 41094

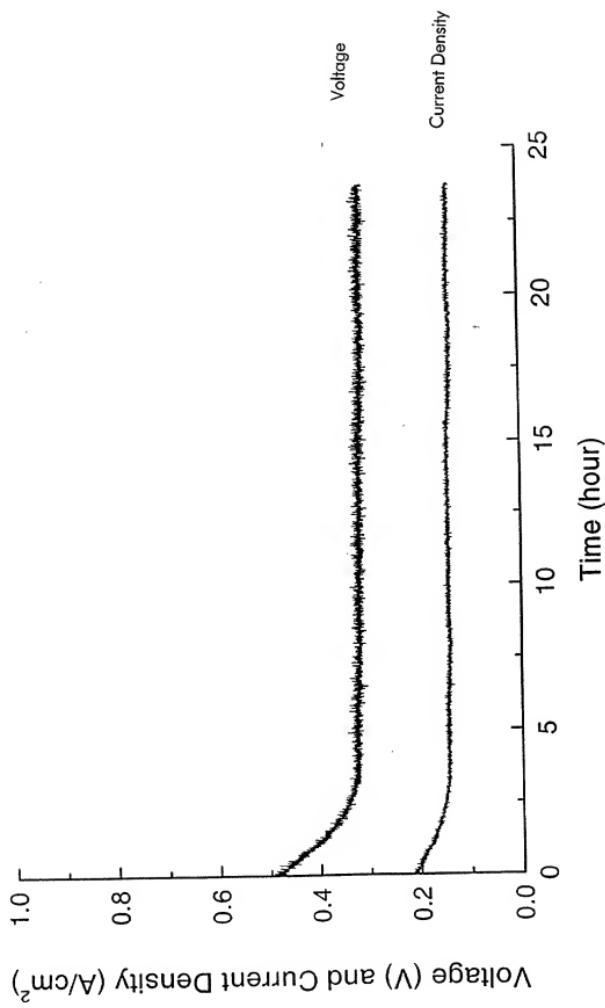


FIGURE 8

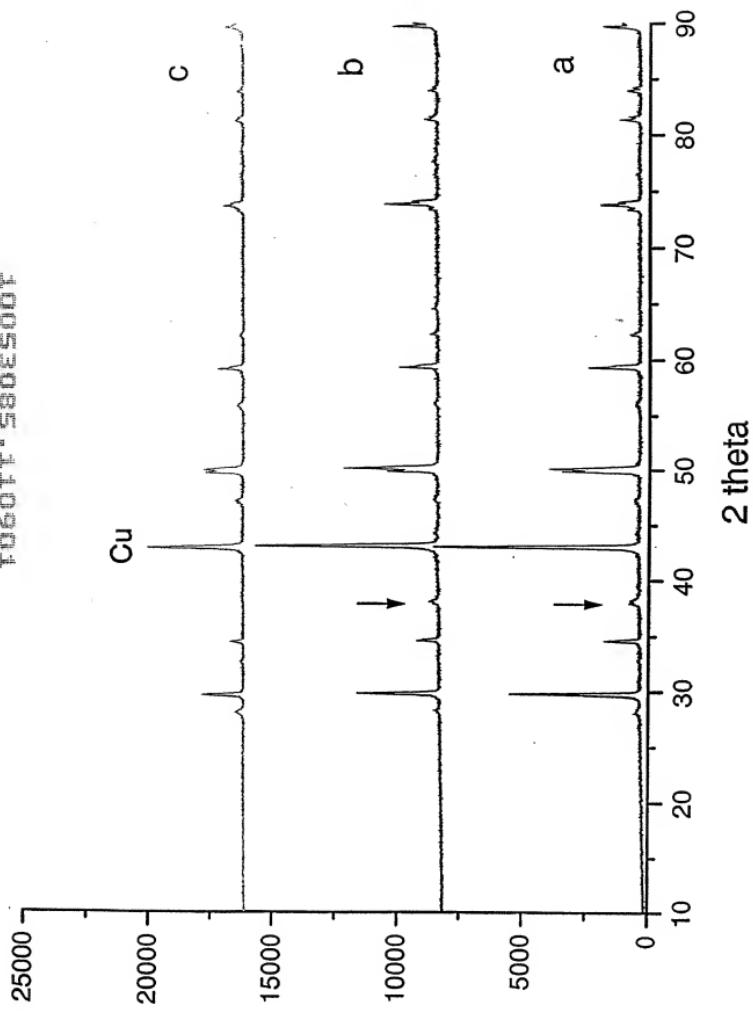


FIGURE 9

FORMAT: 580500T

100% Gasoline

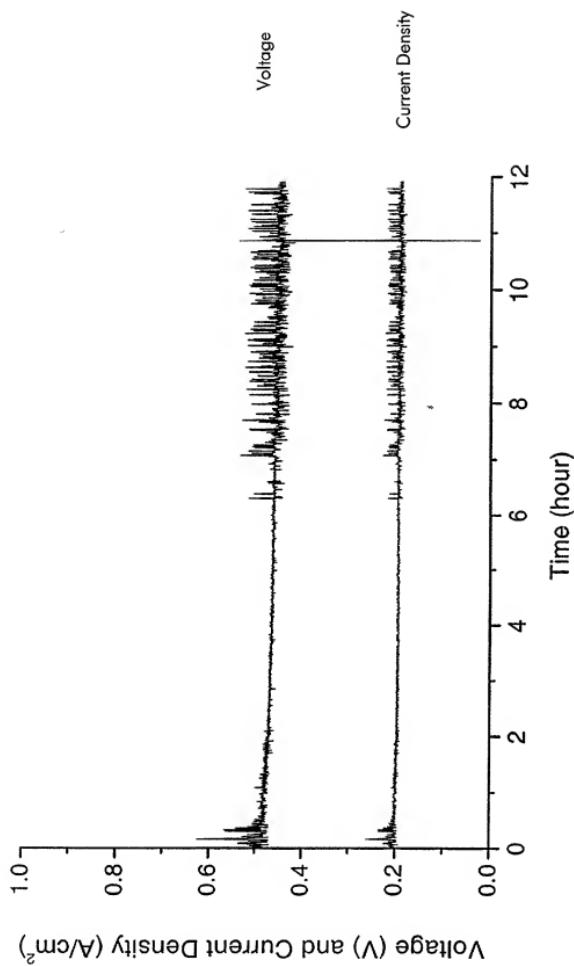


FIGURE 10

T060TT-580E500T

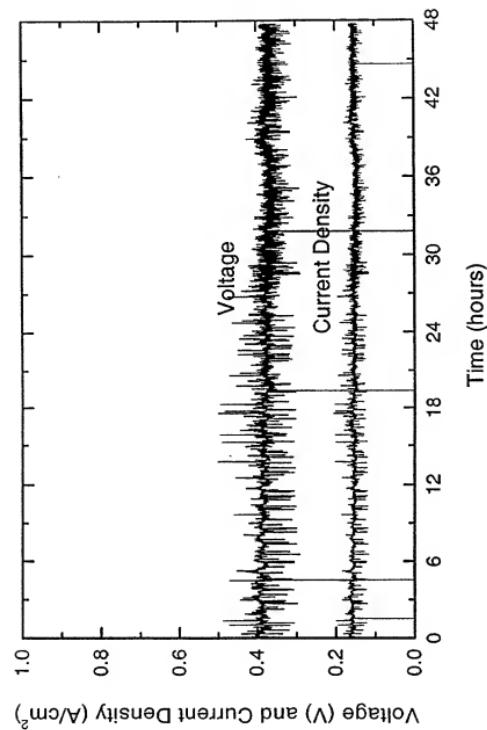


FIGURE 11

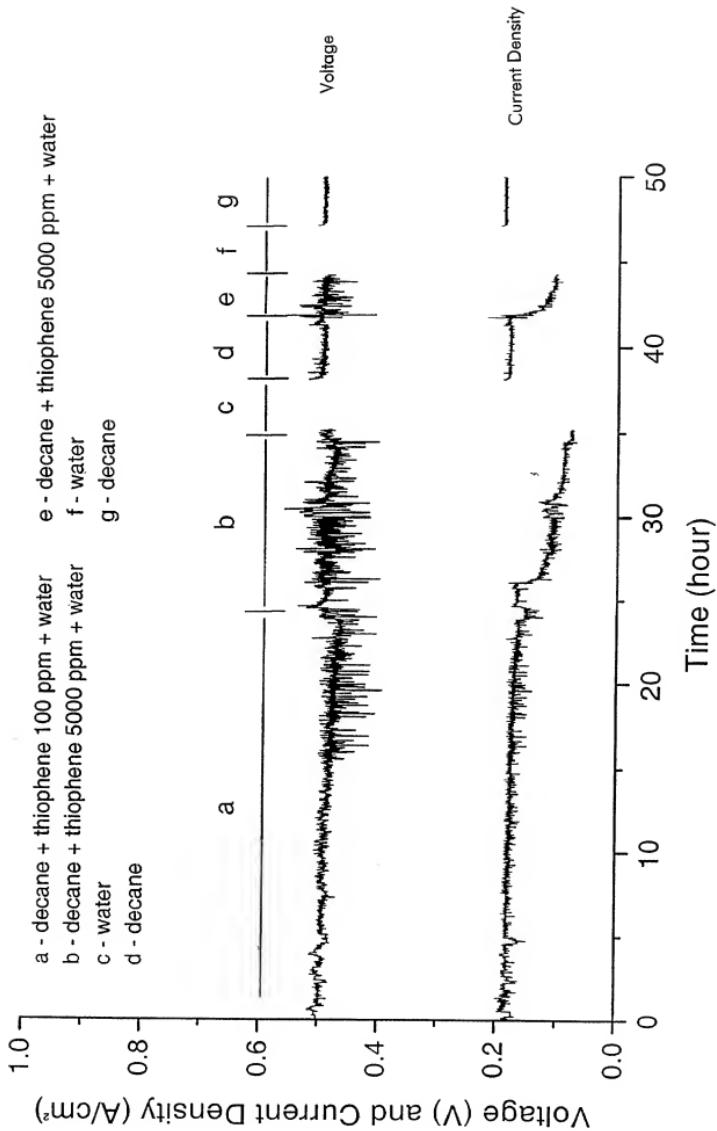


FIGURE 12

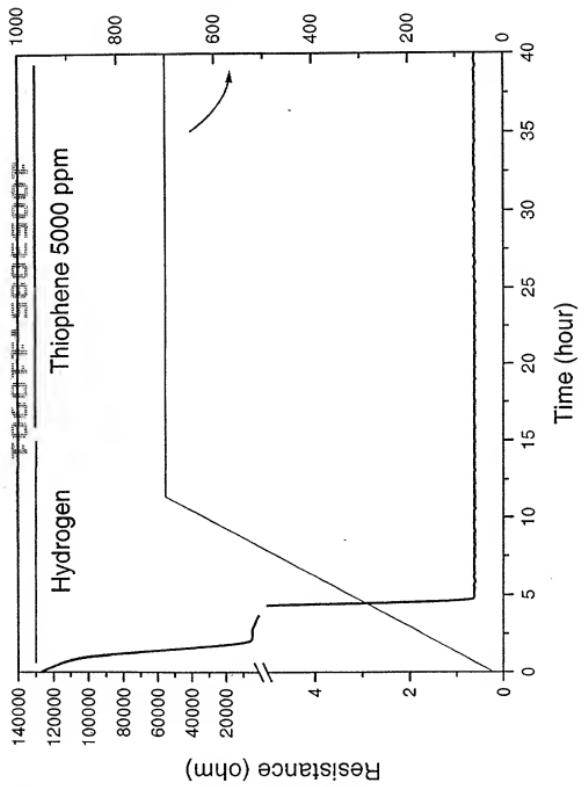


FIGURE 13

Cell made from 40%Ni/YSZ
cermet, after removal of Ni and
addition of ceria & Cu.

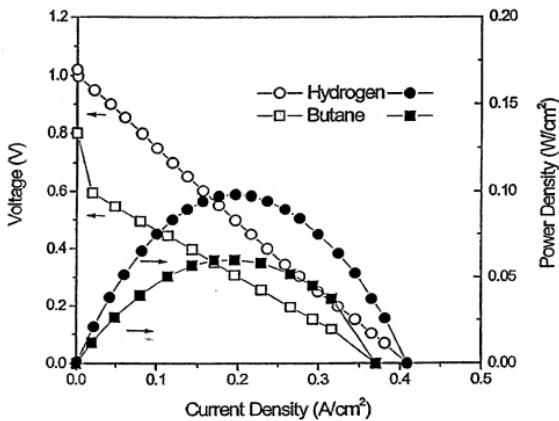


FIGURE 14